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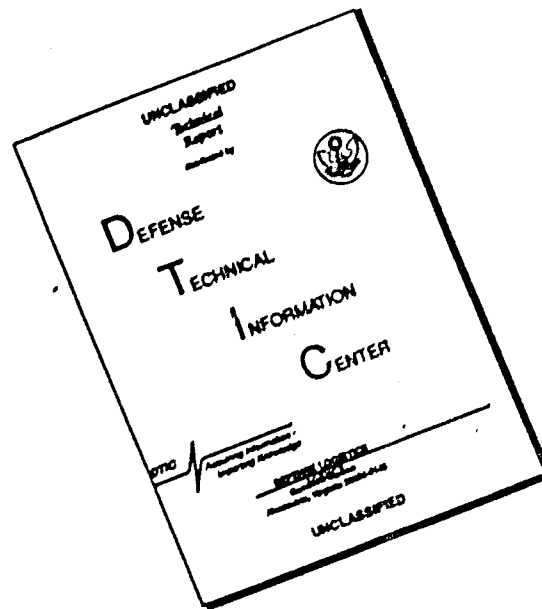
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**DEPARTMENT OF THE ARMY
OFFICE OF THE ADJUTANT GENERAL
WASHINGTON, D.C. 20310**

IN REPLY REFER TO

AGAM-P (M) (5 Feb 68) FOR OT RD-674139

12 February 1968

SUBJECT: Operational Report - Lessons Learned, Headquarters, Tuy
Hoa Subarea Command, Period Ending 31 October 1967

TO: SEE DISTRIBUTION

1. Subject report is forwarded for review and evaluation by USACDC in accordance with paragraph 6f, AR 1-19 and by USCONARC in accordance with paragraph 6c and d, AR 1-19. Evaluations and corrective actions should be reported to ACSFOR OT within 90 days of receipt of covering letter.

2. Information contained in this report is provided to insure appropriate benefits in the future from Lessons Learned during current operations, and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

Kenneth G. Wickham
KENNETH G. WICKHAM

Major General, USA

The Adjutant General

1 Incl
as

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DEPARTMENT OF THE ARMY
HEADQUARTERS, TUY HOA SUBAREA COMMAND
(26th General Support Group)
APO 96316

AVCA CR-T-CO


SUBJECT: Operational Report Lessons Learned for Period Ending 31 October 1967 (RCS CSFOR-65)

TO: Commanding General
United States Army, Vietnam
ATTN: AVHGC-DH
APO 96375

1. References:

- a. AR 220-346
- b. AR 380-5
- c. AR 870-5
- d. USARV Regulation 870-2
- e. 1st Logistical Command Regulation 870-5
- f. USASC CRB Regulation 870-2

2. The Operational Report of this Headquarters for the period ending 31 October 1967 is forwarded in accordance with the above references.


C. W. HOSPELHORN
COL, QMC
Commanding

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HEADQUARTERS
TUY HOA SUBAREA
COMMAND
(26th GENERAL SUPPORT GROUP)
APO 96316

OPERATIONAL REPORT
LESSONS LEARNED

(RCS CSFOR-65)

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

FOR OT RD
674139

FOR PERIOD ENDING 31 OCTOBER 1967

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NONE

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1	Command Organizational Structure
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1. (U) COMMAND:

Realignment of assigned and attached detachments during this period improved the balance of command and control elements. Current organization is shown on inclosed chart. The 606th Ordnance Company (Ammo) was relocated to Cam Ranh Bay in August leaving a 45 man detachment to operate the Ammunition Supply Point.

Key staff changes involved the departure of Major W. R. Prather, Adjutant, and his replacement by Captain C. D. Shires; Captain Clifford Alexander, Security Officer departed and was replaced by Major Linn H. Geyer, Jr. Major Geyer was medically evacuated and replaced by Captain M. H. Massey, Jr.

Two subordinate units, the 119th Transportation Co (TS) and the 226th Supply and Service Co, received their Annual General Inspection by the Inspector General, US Army Support Command Cam Ranh Bay. They received a satisfactory rating.

2. (U) ADJUTANT:

During the third period of 1967, 12 Special and 4 Summary court martials were processed by this headquarters.

In August, the 606th Ordnance Company departed THSAC and returned to Cam Ranh Bay. One Ammo Platoon, attached to HHC, 26th General Support Group, remained at THSAC to operate the Ammunition Supply Point.

During the three month period, the command has averaged a total of 104 personnel short of authorized strength. The critical shortage of cargo handlers in the 119th Transportation Company was effectively corrected by the assignment of required personnel during August and September. The largest shortage at the present time is third echelon maintenance personnel in the 136th Light Maintenance Company (DS). The unit is presently 40 men below their authorized TO&E strength.

There continues to be a number of mal-assignments to the command involving NCO's in the grades of E-6 and E-7. The continuous assignment of personnel holding stevedore MOS resulted in the utilization of these personnel in their secondary MOS due to the nonavailability of TO&E slots.

In October, the added duty of Education Officer was transferred from this office to Installation Services.

In October, a formal Subarea Command Reenlistment Program was established under the direction of a full time Career Counselor. The reenlistment program achieved a 100% rate for RA Career enlistments for the three month period.

A total number of 207 Home Town News Releases were forwarded thru this headquarters during the third quarter of 1967. Continued effort to improve the quality of the releases submitted has resulted in a very low rejection rate.

The PIO of this headquarters has developed channels for obtaining photographic support of IO activities. This has enabled the PIO to initiate Home Town Photo releases and feature photo releases highlighting the 1st Log Command's vital role in the Vietnam War. Home Town Tape Releases will also be forthcoming.

The facilities of the Armed Forces Vietnam Television station at Tuy Hoa Air Base have been effectively employed to publicize the events and happenings of the Tuy Hoa Subarea Command. Efforts are currently underway to increase the amount of news material featuring US Army "general interest" activities available to the AFVN-TV facility.

Continued photographic coverage of the growth and development of the Tuy Hoa Subarea Command has been accomplished. This includes up-to-date aerial photographic coverage of all operational areas. The official unit history continues to be updated with these photographs.

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Civic action projects have expanded in number during the third quarter. Five projects were completed and eight new projects were undertaken, bringing the overall total to twelve Civic action projects currently underway by THSAC units.

Continued effort is directed toward the development of a Friendship Council. Indications are that a Friendship Council will be formed in the immediate future. The Community Relations Council continues to provide a valuable coordinating function for the major Commands in the Tuy Hoa Area. New units in the area have been well represented on the Community Relations Council.

The present civilian space allocation for the Subarea Command is 330 Local Nationals. At the present time, all allocations are being utilized. During the past quarter, the Subarea Command, utilizing its Daily Hire Fund, has successfully supported all units requesting aid with the necessary personnel to complete all phases of manbagging of billets and bunkers, as well as other buildings within the area.

Daily Hire funds are now picked up by the CLO in Nha Trang instead of Phan Rang resulting in a large savings of manhours.

During the past quarter units have been required to submit requests for overtime and to review them on a continuous basis. Utilizing this monitor policy, THSAC realized a drop of over 2,000 hours of overtime per biweekly pay period.

The major unit involved in the reduction was the 135th Eng Det. who reduced its overtime from 2,100 hours to 700 hours per biweekly pay period.

The record system which was established during the previous quarter has enabled THSAC to either eliminate or quickly correct all discrepancies in payroll accounting, and to maintain a work force of selective people who continually complete their assigned mission and perform reliably on the job with a minimum of supervision.

All civilian personnel now employed within the Subarea Command, whether direct hire or personal hire, have a new standardized ID card. The new ID card replaced all cards issued by former Civilian Labor Officers.

The CLO has continually coordinated with the security elements of this command to safeguard both military personnel and civilian personnel working within the area, as well as military equipment and personal property.

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3. (C) LOGISTICS OPERATIONS:

During the reporting period, THSAC was tasked to support Operation Bolling for 45 days, with Unit Distribution of Class I, III, II & IV and V supplies to the Brigade FSE. In addition, laundry, bath, GR and back-up DS maintenance and transportation services were supported.

One miniport was established at Tuy Hoa North air field to provide a combat refueling station in support of Operation Bolling.

Storage capability at Tuy Hoa North consisted of 40,000 gallons JP-4 with 17 refueling points for continuous topping off.

This miniport was primarily used for the D-Day attack and was in operation for three (3) days. Equipment for this miniport was removed from Tuy Hoa North on 22 September. Based on a request of 2 Oct 67 a miniport was established at Phu Hai and was in operation 3 Oct 1967.

The established miniport at Phu Hai supporting the 268th Avn Bn was increased with additional personnel and equipment to accomplish the increased usage of fuel during the D-Day attack and subsequent operations.

Operation Bolling required the use of 30 each 500 gallon collapsible tanks for sling out of fuel to forward area fire bases.

During the 45 day period the following amount of fuel in gallons was issued to support Operation Bolling from D-Day to 23 October 1967:

<u>JP-4</u>	<u>AVGAS</u>	<u>MOGAS</u>	<u>DIESEL</u>
880,000	17,364	41,096	4,939

Total amount in short tons - 2,832

In addition to the Class III supplies the following support was provided Operation Bolling from D-Day through 23 October 1967:

Class I - 752 S/T

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Class II & IV - 420 S/T

Class V - 4,088 S/T

Laundry - 56,040 Lbs

Bath - 8,545 Persons

Bakery - 32,000 Lbs

To assist movement of supplies and equipment for Operation Bolling two (2) each 10,000 lb rough terrain fork lifts and twelve 2½ ton trucks were provided on daily basis subsequent to the D-Day attack.

In addition to the major items listed above two (2) each 45 KW generators were hand receipted to the Brigade to provide electrical power for refrigeration of perishable subsistence.

Tuy Hoa storage of POL in gallons as of 22 October 1967.

JP-4 Actual:

Army (Phu Heip, Collapsible)	50,000
Air Force (Bulk)	2,379,489
Air Force (Boondocks)	<u>300,000</u> ✓
Total	2,729,489

Programmed:

Army (Phu Heip)	126,000
Air Force	<u>420,000</u>
Total	3,275,489

AVGAS Actual:

Air Force (Bulk)	210,000
------------------	---------

MOGAS Actual

Army (Vung Ro)	10,500
Army (Collapsible)	130,000
Air Force (Bulk)	252,000

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Programmed:

Army (Phu Heip)	<u>147,000</u>
Total	539,000

DF-2 Actual

Army (Vung Ro)	10,500
Army (Collapsible)	150,000
Air Force (Bulk)	<u>252,000</u>
Total	412,500

Programmed:

Army (Phu Heip)	<u>567,000</u>
Final Total	979,500

During the reporting period the Self Service Supply Center increased the number of lines carried for store stock from 520 lines to 805 lines. Total number of authorized customer units has increased from 34 to 76 units. The direct exchange facility has increased the stockage from 175 lines to 228 lines and is currently serving 42 authorized customer units. The barrier and construction materials yard is presently requisitioning all materials as authorized by ASL. Materials were previously on a push type basis from depot.

Class I Supply Point move from Tuy Hoa Air Base to Subarea Combara was completed during the quarter. Class I Supply Point now has nine (9) - 4000 cu ft reefer boxes, one open storage warehouse and 300,000 sq ft of hard stand for the receipt, storage and issue of subsistence. Storage warehouses are still in process of being constructed and the conveyor system has not been installed.

This project is programmed for completion within the next 30 days. A condiment store is under construction to provide self service on condiment items issued through Class I Supply Point. An ice cream production plant is under construction in the Class I Supply Point. Building will be located in line with the reefer boxes, as part of straight line flow issue procedure.

A new storage yard located across the road from the present Class II & IV Supply Point was established to accommodate overflow of outside items. Large timber, are the only item, being stored in this area at present.

A new administrative building was constructed during this quarter at the ASP.

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A policy has been put into effect with THSAC organizational and field maintenance facilities whereby a standby repair capability is available 24 hours a day for MHE equipment. In addition items deadlined for other than parts will be repaired within a 24 hour period. The increased emphasis in this key area has greatly assisted the operational sites.

A supply orientation was conducted during the period on procedures involved in the Automated Data Processing (ADP) System. The improved system was recently installed at the 136th LM Co. The conference was held for all customers of 136th LM Co.

A field maintenance contact team has been positioned at Vung Ro from the 136th LM Co to provide field maintenance support to that area. The team will also provide contact assistance to equipment involved in beach clearance.

A more comprehensive deadline reporting system was installed for units assigned or attached to THSAC. The report has been helpful in assisting units obtain repair parts for all categories of equipment.

Measures have been taken to implement directives from higher headquarters on the subject of retrograde cargo. A regulation has been published outlining the standards for shipment of retrograde and the responsibilities of using units and the DS unit which has the area CC&S mission. The DS unit has relocated and segregated equipment for easier identification pending evacuation out of country, controlled cannibalized, turn-in to 633rd CC&S company or disposed of through PDO channels.

An instruction program has been effected for all operators of 2½ and 5 ton vehicles equipped with multifuel engines. The instruction is being conducted at unit level and covers data contained in letter, Hqs, 1st Log Command, Subject: Maintenance of the LDS 465-1 (A) multifuel engine and M39A2 series vehicle fleet.

Assistance was requested and received from Hqs USA Support Command, CRB to provide artillery, small arms, instrument and commo and electronics field maintenance support of units in the THSAC support area.

Action was taken during the period to turn-in nonmilitary standard MHE equipment and obtain equipment in the military standard category.

Assistance was requested and received from USA Support Command, CRB in the area of canvas renovation. A seven man team with equipment has been attached to 136th LM Co. This action has greatly improved the scope of support provided in the THSAC area.

Increased effort has been channeled in the area of maintenance float. Action has been taken to obtain all authorized items and fully employ the float and increase customer awareness of the availability of the float.

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To improve the standard of organizational maintenance and control, all MHE equipment and primary operators in the logistical complex were placed under control of HHC, 26th GS Gp. Two qualified MHE mechanics have been attached to HHC, 26th GS Gp. This consolidation of MHE does not include that equipment of the 119th Trans Co which has the port and beach clearance mission.

A four point mooring system for POL tankers was completed during the reporting period. This system enables THSAC to moor larger tankers and discharge greater amount of product at a faster rate. Initially a few problems areas were encountered because the greater impact, pressure and larger quantity of product through the line caused the line to break at weak points and sharp angles; however, after the initial adjustment, these problems dissolved and pumps can now be used to full discharge capacity.

With the capacity to accept commercial T-2 POL tankers receiving procedures were revised to accomplish DD Form 250-1 for ship to shore discharge.

Presently ship's figures are accepted as amount of product discharged to shore; however, when this area becomes more secure the shore tank figures will eventually become official figures.

A system of gauging tanks is already established in anticipation of this future requirement and it is suggested that flow meters be obtained for more accurate accountability.

During the months of August, September and October, Port Lane, Vung Ro accomplished the following:

- a. Tons discharged 36,189
- b. Tons cleared 35,251
- c. Tons handled 39,110

Port Lane, Vung Ro with a port capability of 720 S/T discharge and 520 S/T outload daily, handled seven (7) deep draft vessels in August, three (3) in September and five (5) in October.

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4. (U) SECURITY AND TRAINING:

This command effectively coordinated rescue operations including a C-47 crash (Air Vietnam) August 67 at Vung Ro as well as an O-1 (L-19) USAF plane in October 67.

All units assigned or attached to this command completed required gas chamber exercises in August.

On 4 September 1967 liaison personnel from the 5/27th Artillery and the 6/32nd Artillery began working at the ICC to effect greater coordination for artillery support.

In September the Commanding Officer of Tuy Hoa Subarea Command was designated Installation Defense Commander of the area by a letter of instruction from 1st Field Force, Vietnam, dated 16 September 1967.

The Command Bunker was completed on 22 September 1967. Upon completion of the Command Bunker the Installation Coordination Center moved in.

On 16 October 1967 three (3) ROK liaison personnel reported to the Security and Training to work with the ICC in coordinating with ROK Units in the area.

On 21 October 1967 the defense of the Pontoon Bridge located at CQ 231351 on QL-1 was turned over from the 577th Engineer Battalion, United States Forces to the 130th Regional Forces, Army of Vietnam. The Commanding General, 173rd Airborne Brigade is charged with the responsibility to oversee the defense of above mentioned bridge. This bridge is a vital link in the chain which brings supplies to support the units in this area.

Air warning net established 24 October 1967, to coordinate the artillery fire in the area with aviation and USAF. Units participating; USAF, 5/27th Arty, 28th RCT ROKA, 173rd Abn Bde, ICC and 268th Avn Bn.

Security and Intelligence Meetings have been held weekly with all the major units in the Tuy Hoa area in attendance, among them the Air Force, MACV and ROK Units. The weekly meetings have improved the flow of vital intelligence and security information between the major command.

Weekly Intelligence Reports have been disseminated to all the major units in the Tuy Hoa area.

Effective coordination was established with the 173rd Airborne Brigade when they arrived in the area this September. There continues to be an efficient flow of intelligence and security information between the two commands.

Inspections were stepped up in the areas of training, security and physical security to improve the operation in these areas of units assigned or attached to this command.

During the period this report covers, the units assigned and attached to this command, trained on 13 days for a total of 62 training hours.

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5. (U) INSTALLATION SERVICES:

Construction of the 1,500 man consolidated mess was completed and the first meal was served on 19 August 1967. Mess personnel from all THSAC units were attached to and billeted by HHC, 26th General Support Group, the operating unit, to provide maximum control. The facility is large enough to accommodate local THSAC units and has easily absorbed the recent increase of personnel from the 173rd Airborne Brigade that have moved into the cantonment.

Training for Korean mess personnel resulted in graduating eight men from a three week course during the reporting period. Six trained with the Subarea Command Consolidated Mess while two received their instructions at the Vung Ro 500 man mess.

The Best Mess Award System was revised to better evaluate the two large messes which have eliminated the need for small unit messes.

The Special Service Section opened the THSAC Library on 1 August. The library presently contains more than 2,000 books and a varied assortment of magazines and periodicals. A small library annex has also been opened at Port Lane for the men stationed at Vung Ro.

With the oncoming monsoon season the need for an indoor theater was satisfied by converting a vacated mess hall into a 200 man movie theater. The theater began operating full scale with a popcorn/soft drink concession in mid-September. To insure availability of film the Subarea has been changed from film distribution circuit #1 to circuit #2 and receives films from Qui Nhon.

In the field of entertainment five USO Shows and a Korean Tae Kwon Do demonstration appeared in the Subarea. This included a hand shaking tour by Charlton Heston. Transportation arrangements were made to carry over 200 THSAC troops to the Tuy Hoa Air Base to see Martha Raye's presentation of "Hello Dolly". The Red Cross girls began making visits to THSAC units in September and have since brought a weekly welcomed change in pace to the men in the area.

A new Special Service Officer, LT Frank Coles, was assigned in September. He has obtained the equipment to furnish a photo shop which is expected to be operational within the next quarter. The Special Service Supply Point in Nha Trang, which serviced the Tuy Hoa Subarea, closed necessitating support from Cam Ranh Bay.

Over 200 men were processed for R&R including eight to the recently opened Australia center.

The Special Service Section provided support to "Operation Bolling" by issuing special service supplies and providing eight 16MM motion picture films daily to units assigned the 173rd Airborne Brigade (Seperate).

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The Tuy Hoa Club System continued to grow during the past quarter. A new building was erected at Vung Ro which replaced the old annex of the NCO Club. Two more concession stands were opened, a cold drink stand by the Officers' Club and a refreshment stand in the new indoor THSAC theater by the NCO Club. The NCO Club opened their kitchen and offer sandwiches, steak or chicken in the evenings. Personnel have been and are being brought into the system to replace those nearing rotation. A new Officers' Club Custodian and manager have been assigned, a new accountant is being trained and one manager has extended. Since the club system began in February and has all "old" personnel working in it these recent changes will make for a smoother and more organized changeover. New Boards of Governors are scheduled to take office during the next quarter.

On 1 September 1967 the responsibility for servicing all military in the Tuy Hoa Area in the hold baggage field was taken over by the Tuy Hoa Air Base. Necessary instructions concerning the changeover and changes in hold baggage processing requirements were published and distributed by this headquarters. The one month advance notice given enabled an orderly and efficient transition. The Movements Specialist from THSAC was transferred to the Nha Trang Hold Baggage Section. The Tuy Hoa Subarea Command Bus transported a monthly average of 1,153 Army and 181 Air Force personnel throughout the area. With the present construction of more new roads in the area it is anticipated that regular passenger busses will soon replace the 2 1/2 ton truck now used to carry passengers.

All company size units assigned to THSAC now have active unit funds. Funds held in trust in CONUS have been credited to their local accounts and the men are realizing the benefits through unit parties, awards to soldiers of the month and beautiful facilities. Requisitions for new Unit Fund DA Forms to replace the council book DD Form 251, which became obsolete per AR 230-21 dated 25 August 1967, have been submitted.

All THSAC units have hot and cold water showers and, since there is no central water supply via pipes to each shower, water must be delivered by tankers. Contingency plans have been published to insure water delivery to the maximum number of locations whenever a tanker becomes deadlined. Because this water delivery system was in effect it was very easy to provide possible water delivery support to "Operation Bolling" units when it was requested.

To reduce the time consumed on correcting administrative and technical errors on reports of survey, classes were conducted for the personnel concerned. This resulted in cutting administrative time down approximately 50% and has sped up the processing of the reports considerably. Advantages realized from the classes carried over into the preparation of Quarterly Reports of Operational Loss.

The THSAC Site Exchange continued to expand during the past quarter. A small store located at the Tuy Hoa MACV Compound was annexed in October. On 15 September the 173rd Airborne Brigade Advance Party arrived in this area for "Operation Bolling". By 17 September a mobile exchange had been established in their area and sold \$1,500.70 worth of merchandise.

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Since that date a semi-permanent exchange has been established and has sold approximately \$1,000.00 worth of merchandise to the combat troops daily.

The assignment of an exchange manager and accountant from the PACEX Exchange System has aided in the technical supervisory field of the site exchange system. On site billets have been erected to house the exchange personnel and provide additional exchange security as well as considerable convenience for personnel operating on a 20 hour per day basis.

During the two day formal inventory in September accountability was transferred from THSAC personnel to the newly assigned Regional Exchange Manager. Results of the inventory revealed the site exchange operated within the allowable percentage of gain or loss.

On 23 September, LT Dockter, the THSAC Site Exchange Officer, climaxed his several liaison trips to different exchange headquarters by being featured in a weekly 20 minute television program "Projects Unlimited" at the Tuy Hoa Air Base Television station. Lieutenant Dockter explained to the viewers how the merchandise comes from CONUS and the different procedures, areas, and transfer that must take place to make it available to the customer at the site exchange.

Improvements in the THSAC Site Exchange store itself included a coat of paint to the outside, cement sidewalks placed, an ornamental fence erected, a Class VI store opened, new show cases and display cabinets installed, and a shoe sales department incorporated. The improvements coupled with increased advertisement and increased transportation support in delivering merchandise from the Cam Ranh Bay Exchange Depot have increased the average monthly sales to \$300,000.00. Record breaking sales are predicted for the following quarter.

On 11 October 1967, Mr. John Haggerty, Director of Education for the 1st Logistical Command Education Center, visited Tuy Hoa Subarea Command to determine the feasibility of establishing an education center at Tuy Hoa. After interviewing the commanders of THSAC and supported units, Mr. Haggerty was firmly convinced not only of the feasibility but of the necessity, due to an overwhelming response. On 20 October, Dr. Joseph S. Mabbett, Director of the Far East Division of the University of Maryland, visited THSAC to explore the possibility of offering college courses at Tuy Hoa. Like Mr. Haggerty, he was quite enthusiastic and hopes to schedule classes beginning in January 1968. Consequently, temporary facilities are being arranged to provide for an active program prior to the construction of the planned Tuy Hoa Education Center. LT Simmons has been assigned as Education Officer and is organizing the education program to include USAFI courses, GED testing and general education advice to all interested personnel.

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6. (U) INSTALLATION ENGINEER:

From 1 July 1967 to 31 Oct 1967, the 520th Engr Det (FF) responded to ten (10) POL pipeline fires. These fires were primarily the result of local VC trying to obtain product or results from sabotage. Concurrently with the breaks in the line, the 520th participated in twelve (12) controlled burn offs. Using procedures previously reported in ORLL no damage or loss of pipe was experienced. The various fire fighting teams also responded to five (5) fires within the Free World Forces cantonment area and eight (8) stand-by's (Requests for assistance for controlled fires). Of these fires only one major fire was recorded. On 7 Sep 1967, at the 268th AVN Bn, two (2) 10,000 POL tanks (Collapsible) were destroyed by a fragmentation grenade thrown by an enemy infiltrator.

On 18 Sep 1967, the Phu Hiep Army Air Field was used to bring in the 173rd ABN Bde into THSAC. During a thirty-six (36) hour period two FB teams of the 520th were deployed to provide adequate fire protection. During this period there was recorded 1,248 take-offs and landings. There was only one emergency stand-by during this operation. One FB team was also deployed to North Field, Tuy Hoa, to support the combat refueling operations for "Operation Bolling". To insure adequate protection for the mini-port three 150 lb Chlorobromomethane tanks and five 50 lb CO2 extinguishers were also deployed.

One TM 5-301 standard military Fire Station was built by the 520th at THSAC. This is the second one built. The main station is to be built for the aviation complex as soon as MCA funds have been released. As an interim measure facilities at the aviation area have been upgraded.

With intelligence reports reflecting an increased capability of the VC to deploy both rockets and mortars against THSAC immediate action was directed to provide maximum protection for both the cantonment and operational areas within THSAC. Bunkers necessary to accommodate the required number of personnel were designed according to accumulated specifications and criteria from units in the field and FM 5-34 and FM 5-15. The bunker panels and roof assemblies were prefabricated by the 329th Engr Det (U) and the Engr Const Plt (Prov) on an around-the-clock basis. Using units were tasked to accomplish construction. Minimum essential requirements were completed within five days.

An operable size underground high-impact type bunker for the Installation Coordination Center (ICC) was also constructed. Excavation began on 1 Sep 67 with the bunker being fully operational on 22 Sep 67.

Ammunition storage area security was also increased by the laying of a protective minefield around the outer perimeter. This minefield was laid by qualified personnel of the 329th Engr Det (U) and 520th Engr Det (FF). Minefield records are now located at the Security Section, THSAC. This minefield coupled with tripflares, guard towers, and bunkers further precludes an undetected enemy force from sabotaging the ASP. As soon as the projects for glare protecting lighting, double chainlink fence and the ASP construction project are approved, funded, and built maximum security will be afforded.

The 606th Engr Det (WP) has been relocated from the shallow well point to a deep well site, Tuy Hoa Well #9, adjacent to the signal cantonment area.

The shallow well site, became inadequate due to excretion of decomposed bodies being detected in the raw water. This was largely due to continuous draw down in the shallow well. Level of draw down remains constant at the new site.

The class I DBST hardstand area has been completed. Also completed is the Admin. building with its fenced in sensitive item storage area, the condiment warehouse and the slab for the ice cream plant. Complete movement of class I which was located at the Air Force, to THSAC has been accomplished.

Operation Bolling support consisted, initially, of site preparation, road preparation, installation of a 600 and 800 cu ft cold storage area and construction of Burn-out latrines. This was accomplished within three days by THSAC units. Upon determination being made to house certain units of the 173rd Abn Bde at THSAC, immediate action was taken to clear fourteen 20'x100' buildings, fifteen WABTOC structures and 8,000 SYD of motor pool area. This entire project was completed in six days with only minor impact on the daily operation mission. The facilities were inspected and accepted by the 173rd Brigade Engr on 22 Oct 1967.

With the completion of the 1500 man consolidated mess, the Engr Det's have put maximum effort in the completion of the shower/latrine buildings and supply buildings. Other projects currently in progress are the completion of the 250 bbl water tank and road stabilization.

All roofs of buildings within the cantonment and operational areas have been sandbagged to insure stability in preparation for the monsoon season. A protective berm on the THSAC east side has been constructed to provide a buffer against the sea to land winds.

Port Lane, Vung Ro, cantonment facilities for Beach Alpha and Beach Bravo have been completed. The port facilities will be completed as soon as the remaining LST/LCU ramp, currently under construction, is finished. The DeLong Pier has been repaired and a three inch protective decking has been added.

The T-2 POL tanker mooring site was completed by the 497th Port const. Co.

Areas are now being preplanned for any unannounced troop employment in the THSAC area, up to brigade size.

Electrical power is being added to all troop areas thereby releasing TC&E generators for other use.

7. (U) CHAPLAIN:

Memorial plaques purchased for Stained Glass Window and Chapel Bell.
Plaques installed in chapel on 11 October.

On 1 October a request was made by the commander of MACV Compound, Tuy Hoa for coverage for his unit, both Catholic and Protestant. Coverage is now given to the compound on weekly basis. Every Saturday morning Catholic and Protestant services are held in the MACV Compound Chapel.

As of 1 September a Chapel Library was established in the chapel. Books and literature will be provided for all major faith groups. Library will be open 24 hours a day, 7 days a week. Honor system will be utilized in the checking out of books. Job order has been submitted for the partitioning of one of the old chapel offices in order to provide space for the library.

As of 1 September plans were started for converting one of the old chapel offices into a Blessed Sacrament Chapel. The fund council approved expenditures up to \$600.00 for the furnishing of same. The separate chapel is needed to fulfill the needs of Catholic personnel in the THSAC area. Such a chapel is needed for private prayer and meditation. In a separate chapel religious symbols would be visible at all times to the worshippers. Chaplain Murphy, the THSAC Catholic Chaplain, is in charge of the Blessed Sacrament Chapel Project.

Chapel attendance, both Catholic and Protestant, for the period covered by report is 5,503. Average attendance per Sunday is 423.

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1. (U) Logistics:

Item: Lack of Proper Equipment

DISCUSSION: Lack of authorized rough terrain cranes and wreckers has resulted in delays in loading and unloading of trucks and in rewarehousing of ammunition items.

OBSERVATION: Sufficient cranes and wreckers are not available to properly handle ammunition in the Tuy Hoa ASP. The command has designed and fabricated special handling devices i.e. projectile sling bars for use with Rough Terrain Fork Lifts to minimize the effect of such shortages.

Item: Pressing of Fatigue Uniforms

DISCUSSION: Clothing being laundered at the present time is washed, rough dried and folded. Although clothing is clean the appearance of uniforms is unsatisfactory.

OBSERVATION: Action is being taken to request a contract with a civilian firm to starch, press, and fold fatigue uniforms only. Other items of clothing will continue to be washed and rough dried.

Item: Use of Commercial Fork Lifts in Class I Supply Point

DISCUSSION: The completion of the move of Class I Supply Point from a sandy unlevelled area to a 300,000 sq ft hardstand made possible a re-evaluation of fork lift requirements.

OBSERVATION: While the Class I Supply Point was located at the Tuy Hoa Air Base fork lifts were operating on sandy soil and a rough terrain model fork lift was required. In the new Class I Supply Point area the RT fork lift proved unsatisfactory in mobility and efficiency. The weight and characteristics of the rough terrain fork lifts caused the hardstand surface material to deteriorate causing holes and soft spots in the hardstand. It was found that the 4000, 6000 and 15000 pound commercial type fork lifts are more adaptable to operational requirements in the new area. These are being requested in an MTOE for the 226th S&S Co, and have been included in a loan document.

Item: Construction of Self Service Condiment Store

DISCUSSION: Condiments, under present system of issuing rations, are issued to units according to menu requirements and supported strength. This type issue has resulted in some units being overstocked in many condiment items.

OBSERVATION: Upon completion of the condiment building, presently under construction, all condiment items will be placed on shelf and mess sergeants will be given the opportunity to pick up only the items he will require to operate his mess. Each unit will be given a monetary allocation each month to purchase only those items which can be consumed during the monthly period.

Item: Issue of Ice Cream to Field Troops

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DISCUSSION: Ice cream manufactured by the Tuy Hoa Ice Cream Plant is immediately placed in freezer boxes as soon as it is taken from the mixing machine. No problems are encountered in issuing ice cream to messes in the Tuy Hoa area as the ice cream is taken from ice cream freezer storage area to mess hall refrigerators in a very short period of time. Issue of ice cream to troops in the field where refrigeration is nonexistent was desired.

OBSERVATION: In order for ice cream to arrive in a solid state at areas remote to Tuy Hoa a system was set up to have the item flown out as soon after issue as possible. Canvas bags were fabricated which hold 2 each-3 gallon ice cream containers. Dry ice is being shipped from CRB daily to Tuy Hoa by reefer van for use with the ice cream while being transported from the base camp to outlying areas. Dry ice is packed around 3 gallon containers of ice cream in the bag and the cover is tightly closed. The bag is placed in a helicopter and flown to messes in the field.

2. (U) INSTALLATION SERVICES:

ITEM: Assessment of Officer Open Mess.

DISCUSSION: On 25 February 1967, \$1105.50 was contributed to the Tuy Hoa Subarea Command Officers' Open Mess by members of the command in order to financially establish the club.

During the first month's operation all purchases from the exchange system were in cash since the charge account had not been processed. The net result was that at the end of the 1st month's operation the current and acid test ratios were 7.2 and 5.8 to 1 respectively. In July of 1967 the Officers' Club was assessed \$1018.02 and was required, in addition, to pay 11% of its gross profits into the USARV Central Mess Fund for the following 5 months. This assessment not only drained the clubs cash but also hit the morale of the members that donated the starting fund.

OBSERVATION: Although the current and acid test ratios can be used as a yardstick to measure club operations they can easily be manipulated through the inventory and accounts payable figures by purchasing inventory on credit at the end of the accounting period. Other factors should be considered when assessing a club or measuring a clubs financial status such as inventory to sales ratio, amount of fixed assets owned by the club and number of members belonging to the club.

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3. (U) INSTALLATION ENGINEER:

ITEM: Road Stabilization

DISCUSSION: The requirement for a hard surface road which will carry traffic in the rainy season as well as the dry season presents a definite problem when adequate road building materials are not available for surface treatment.

OBSERVATION: By making use of crusher waste, bunker oil, laterite and/or decomposed granite, an adequate all weather road can be constructed. Alternating four inch lifts of crusher fines and laterite or decomposed granite with each lift being shot with bunker oil will provide an all weather road which will accommodate class 60 traffic with normal maintenance. A two inch layer of sand on top of the road will prevent the road from becoming slippery when wet. Additional bunker oil may be used during the dry season as a dust palliative..

ITEM: Protective Bunkers

DISCUSSION: The threat of enemy rocket and mortar attacks necessitates protective bunkers for billeting and operational areas which provide maximum safety that can be constructed quickly and require little maintenance.

OBSERVATION: A bunker was designed which met the safety requirement as well as being relatively simple to construct. The bunker consists of a 4' X 4' X 10' box constructed of 2" X RW material buried four to six inches below the surface of the ground. Three 14" X 16" X 8' timbers are then placed perpendicularly across the top of the bunker evenly spaced with two feet of the timbers resting on the surface of the ground. A platform can then be built on top of the timber to support alternating layers of tin and sandbags. The exterior of the bunker is lined with tar paper to prevent the rotting of wood. Due to problems encountered in the drainage of underground bunkers, this design is applicable only to areas with sandy soil.

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Section II, Part II Recommendations

NONE

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AVCA Cx-IO (1 Nov 67)

1st Ind

SUBJECT: Operation Report for Quarterly Period Ending 31 October 1967,
(RCS CSFOR-65)

HEADQUARTERS, US ARMY SUPPORT COMMAND, CAM RANH BAY, APO 96312 15 NOV 1967

THRU: Commanding General, 1st Logistical Command, ATTN: AVCA GO-O,
APO San Francisco 96307
Commanding General, US Army Vietnam, ATTN: AVHGC-DST, APO San
Francisco 96375
Commander-in-Chief, US Army Pacific, ATTN: CPOP-OT, APO San
Francisco 96558

TO: Assistant Chief of Staff for Force Development, Department
of the Army, Washington, D.C. 20310

The inclosed Operation Report submitted by Tuy Hoa Subarea Command adequately reflects the activities of the unit for the period indicated with the following comments or exceptions:

a. The unit identification code for the Tuy Hoa Subarea Command is WDP9AAA.

b. The command engaged in direct combat support 92 days of the reporting period.

c. Section I, page 6. Figures on reefer boxes are incorrect. Tuy Hoa Class I Supply Point has nine 1600 cu ft reefer boxes, not nine 4000 cu ft boxes as stated.

d. Section I, page 8. The tonnage figures are not the same as reported on a daily basis to this headquarters. Subparagraph a should read 40,049 and subparagraph c should read 43,052. Capability figure in the following paragraph should be 720 S/T discharge/outload not 720 S/T discharge and 520 S/T outload.

FOR THE COMMANDER:

R. W. Stein

R. W. STEIN
1LT AGC
ASS. AGC.

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AVCA GO-O (1 Nov 67) 2nd Ind 29 NOV 1967
SUBJECT: Operational Report for Quarterly Period Ending 31 October 1967
(RCS CSFOR 65) (UIC WDP9AA)

HEADQUARTERS, 1ST LOGISTICAL COMMAND, APO 96307

TO: Commanding General, United States Army Vietnam, ATTN: AVHGC-DH,
APO 96375

1. The Operational Report - Lessons Learned of the Tuy Hoa Sub-area Command for the period ending 31 October 1967 is forwarded.

2. Section II, Part II.

a. Page 1 Item: Lack of Proper Equipment. Substitute equipment and shortages of TOE equipment is a command wide problem. Director of Supply this headquarters indicates that 5 ton cranes, rough terrain, should be available for issue by Feb 68. Twenty ton cranes are being issued in lieu of 5 ton cranes. There is no forecast on when wrecker shortages will be resolved.

b. Page 2 Item: Lack of Ice Cream to Field Troops. Concur with the field expedient used to transport ice cream to field units. ENSURE containers were ordered for this purpose, but not received. Action is still in progress to obtain more suitable and permanent containers for ice cream delivery.

c. Page 3 Item: Assessment of Officer Open Mess. Nonconcur. USARV Reg 230-7 dated 21 May 1967 contains the guidelines and basis for the assessment of each open mess to provide working capital for the USARV Central Mess Fund.

d. Page 4 Item: Road stabilization. Materials recommended by the 26th General Support Group are being used for road construction in Vietnam.

e. Page 4 Item: Protective Bunkers. The US Army Engineer Command Vietnam (Prov) has developed standard plans for both the above and below ground bunkers. These standard plans and construction supervision can be requested from the local Engineer Command unit.

3. This headquarters concurs with the basic report as modified by indorsements. This report is considered adequate.

FOR THE COMMANDER:

James D. Fox
JAMES D. FOX
S/T
ASC
Asst AG

29
CONFIDENTIAL

12 103

22 DEC 1967

AVHGC-DST

3d Ind

SUBJECT: Operational Report Lessons Learned for Period Ending 31 October 1967
(RCS CSFOR-65)

HEADQUARTERS, UNITED STATES ARMY VIETNAM, APO San Francisco 96375

TO: Commander in Chief, United States Army, Pacific, ATTN: GPOP-DT,
APO 96558

1. (U) This headquarters has reviewed the Operational Report-Lessons Learned for the period ending 31 October 1967 from Headquarters, Tuy Hoa Subarea Command (DP9A) as indorsed.

2. (C) Pertinent comments follow:

a. Reference item concerning lack of proper equipment, section II, page 1; and 2d Indorsement, paragraph 2a: Concur. Five ton cranes should be available for issue in February 1968. The shortage of these cranes is a command wide problem. Twenty ton cranes have been issued as a substitute. Relief from this problem is contingent upon receipt of assets from CONUS.

b. Reference item concerning issue of ice cream to field troops, section II, page 2; and 2d Indorsement, paragraph 2b: Concur with the field expedient used to transport ice cream to field units: Nonconcur with comment regarding ENSURE request in 2d Indorsement. The following explains the background and current status of actions taken to obtain the requested containers:

(1) USARV submitted an ENSURE request for 110 lightweight insulated containers on 2 February 1967. This request was validated by DA in May 1967, and the containers air shipped to RVN in June 1967.

(2) Tracer action was initiated in July 1967 as the containers could not be located. The results of this action traced the containers to the 506th Field Depot, however, they could not be located there.

(3) On 16 November 1967, 1st Logistical Command resubmitted their request for these containers. This request is currently being staffed with the anticipation that an add-on request will be made to DA for replacement of the lost containers.

c. Reference item concerning assessment of Officers' Open Mess, section II, page 3; and 2d Indorsement, paragraph 2c: Concur with 2d Indorsement. The initial assessment of the Tuy Hoa Officers' Open Mess was in accordance with USARV Regulation 230-7.

CONFIDENTIAL

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*Downgraded at 3 year Intervals
Declassified after 12 years
DOD DIR 5200.10*

CONFIDENTIAL


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AVHGC-DST

SUBJECT: Operational Report Lessons Learned for Period Ending 31 October 1967
(RCS CSFOR-65)

3. (U) A copy of this indorsement will be furnished to the reporting unit through channels.

FOR THE COMMANDER:


C. S. NAKATSUKASA
Captain, AGC
Assistant Adjutant General

1 Incl
nc

cc:

HQ, 1st Log Comd
HQ, Tuy Hoa Subarea Comd

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CONFIDENTIAL

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GPOP-DT(undtd) 4th Ind (U)
SUBJECT: Operational Report for the Quarterly Period Ending 31 October
1967 from HQ, Tuy Hoa Subarea Comd (26th Gen Spt Gp)
(UIC: WDP9AA) (RCS CSFOR-65)

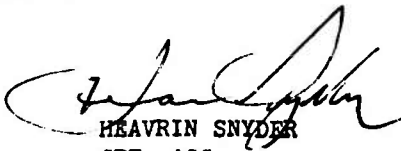
HQ, US ARMY, PACIFIC, APO San Francisco 96558 12 JAN 1968

TO: Assistant Chief of Staff for Force Development, Department of the
Army, Washington, D. C. 20310

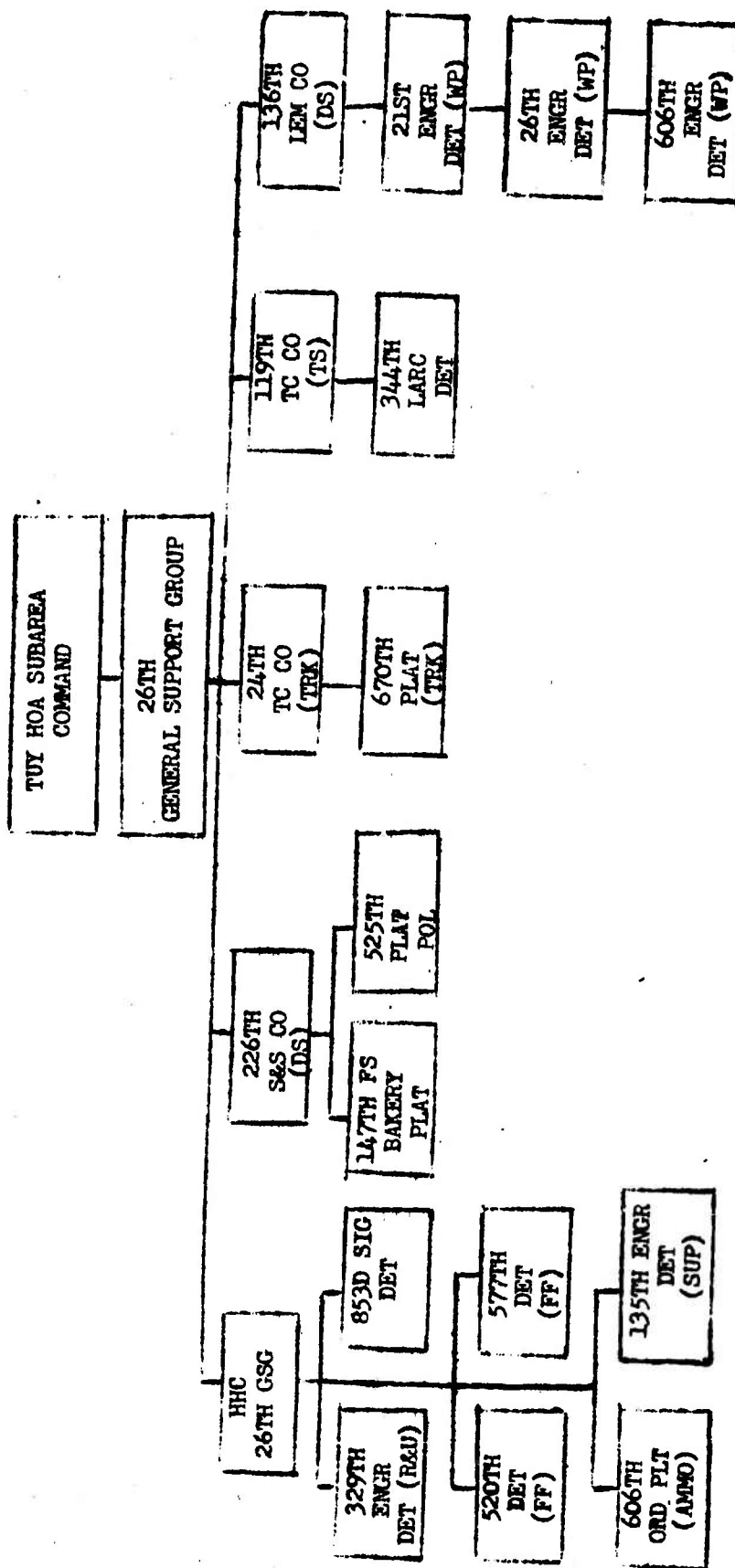
This headquarters has evaluated subject report and forwarding
indorsements and concurs in the report as indorsed.

FOR THE COMMANDER IN CHIEF:

1 Incl
nc


HEAVRIN SNYDER
CPT, AGC
Asst AG

24



UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R & D

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